Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT
										Sample ID	MECT-081015-11	MECT-081115-11
										Date	8/10/2015	8/11/2015
										Sample Time	14:15	13:45
										Latitude	37.21846	37.21846
										Longitude	-109.19081	-109.19081
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 U	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**1.3**	**0.83 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	**85**	**68**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--	**170000**	**48000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	**0.45**	**0.75**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**3 J+**	**1.9**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 U	**0.14 J**
Magnesium, Dissolved	7439-95-4	ug/L								--	**71000**	**5400**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1.8 J**	**2.2 J**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	**3.1 J-**	**1.7 J**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**3.8**	**1**
Potassium, Dissolved	7440-09-7	ug/L								--	**5500**	**2800**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	**1.4 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	**70000**	**28000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	**2.6**	**1.6**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	**9800**	**3000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**4.5**	**2.8**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	Barium, Total	7440-39-3
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	Beryllium, Total	7440-41-7
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	Cadmium, Total	7440-43-9
Calcium, Total	7440-70-2	ug/L								--	Calcium, Total	7440-70-2
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	Chromium, Total	7440-47-3
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	Cobalt, Total	7440-48-4
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	Copper, Total	7440-50-8
Iron, Total	7439-89-6	ug/L	601000		601000					--	Iron, Total	7439-89-6
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	Lead, Total	7439-92-1
Magnesium, Total	7439-95-4	ug/L								--	Magnesium, Total	7439-95-4
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	Manganese, Total	7439-96-5
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	Mercury, Total	7439-97-6
Molybdenum, Total	7439-98-7	ug/L								--	Molybdenum, Total	7439-98-7
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	Nickel, Total	7440-02-0
Potassium, Total	7440-09-7	ug/L								--	Potassium, Total	7440-09-7
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	Selenium, Total	7782-49-2
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	Silver, Total	7440-22-4
Sodium, Total	7440-23-5	ug/L								--	Sodium, Total	7440-23-5
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	Thallium, Total	7440-28-0
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	Vanadium, Total	7440-62-2
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	Zinc, Total	7440-66-6
General											**General**	
Alkalinity	STL00171	mg/L								--	Alkalinity	STL00171
pH	STL00204	SU								--	pH	STL00204
Total Dissolved Solids	STL00242	mg/L								--	Total Dissolved Solids	STL00242
Total Hardness	STL00009	mg/L								--	Total Hardness	STL00009
Total Suspended Solids	STL00161	mg/L								--	Total Suspended Solids	STL00161

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Bold - Bolded
* - exceeds M
J - Data Estima
MDL - Method
PQL - Practica
U - Analyte no
D - Diluted val
mg/L - Parts p

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

ug/L - Parts p

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT	SJ4C	SJ4C
								Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11
								Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015
								Sample Time	14:15	13:45	15:05	9:52
								Latitude	37.21846	37.21846	36.99622	36.99622
								Longitude	-109.19081	-109.19081	-109.00468	-109.00468
ug/L	3348			8358	3348	5000		--	< 24 U	< 24 U	**28 J**	**25 J**
ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
ug/L	2.15	10	2.15			100	200	--	**1.3**	**0.83 J**	**1**	**1.2**
ug/L	2000	2000	34900					--	**85**	**68**	**68**	**65**
ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
ug/L								--	**170000**	**48000**	**48000**	**46000**
ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U	< 1 U	< 1 U
ug/L	50		3130			50	1000	--	**0.45**	**0.75**	**1.3**	**2.5**
ug/L	16	1300	8580	25	16	200	500	--	**3 J+**	**1.9**	**2.4 J+**	**2.5**
ug/L	601000		601000					--	< 17 U	< 17 U	**68**	< 17 U
ug/L	5	15		130	5	5000	100	--	< 0.06 U	**0.14 J**	**0.077 J**	**0.094 J**
ug/L								--	**71000**	**5400**	**5700**	**4900**
ug/L	200		2550	3710	2050	200		--	**1.8 J**	**2.2 J**	**3.1**	**4.6**
ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
ug/L								--	**3.1 J-**	**1.7 J**	**1.9 J-**	**2**
ug/L	90		7870	813	90	200	1000	--	**3.8**	**1**	**1.2**	**1.3**
ug/L								--	**5500**	**2800**	**3000**	**3300**
ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	**1.4 J**	< 0.58 U	**0.78 J**
ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
ug/L								--	**70000**	**28000**	**34000**	**40000**
ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
ug/L	100		712			100	100	--	**2.6**	**1.6**	**1.6**	**2**
ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
ug/L	3348			8358	3348	5000		--	**9800**	**3000**	**82000**	**120000**
ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
ug/L	2.15	10	2.15			100	200	--	**4.5**	**2.8**	**16**	**24**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	ug/L	2000	2000	34900
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	ug/L	4	4	100
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	ug/L	0.72	5	65
Calcium, Total	7440-70-2	ug/L								--	ug/L			
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	ug/L	100	100	
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	ug/L	50		3130
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	ug/L	16	1300	8580
Iron, Total	7439-89-6	ug/L	601000		601000					--	ug/L	601000		601000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	ug/L	5	15	
Magnesium, Total	7439-95-4	ug/L								--	ug/L			
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	ug/L	200		2550
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	ug/L	0.77	2	
Molybdenum, Total	7439-98-7	ug/L								--	ug/L			
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	ug/L	90		7870
Potassium, Total	7440-09-7	ug/L								--	ug/L			
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	ug/L	5	50	4290
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	ug/L	9.9		837
Sodium, Total	7440-23-5	ug/L								--	ug/L			
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	ug/L	2	2	34.3
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	ug/L	100		712
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	ug/L	219		292000
General														
Alkalinity	STL00171	mg/L								--	mg/L			
pH	STL00204	SU								--	SU			
Total Dissolved Solids	STL00242	mg/L								--	mg/L			
Total Hardness	STL00009	mg/L								--	mg/L			
Total Suspended Solids	STL00161	mg/L								--	mg/L			

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT	SJ4C	SJ4C	SJ4C	SJBB
				Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11	SJ4C-081115-12	SJBB-081015-11
				Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015	8/11/2015	8/10/2015
				Sample Time	14:15	13:45	15:05	9:52	9:52	12:40
				Latitude	37.21846	37.21846	36.99622	36.99622	36.99622	37.25737
				Longitude	-109.19081	-109.19081	-109.00468	-109.00468	-109.00468	-109.61859
8358	3348	5000		--	< 24 U	< 24 U	**28 J**	**25 J**	< 24 U	**200**
				--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ
		100	200	--	**1.3**	**0.83 J**	**1**	**1.2**	**0.92 J**	**0.8 J**
				--	**85**	**68**	**68**	**65**	**60**	**77**
340	150	100	100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
2.88	0.72	10	50	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
				--	**170000**	**48000**	**48000**	**46000**	**43000**	**57000**
972	126	100	1000	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
		50	1000	--	**0.45**	**0.75**	**1.3**	**2.5**	**0.27 J**	**0.42**
25	16	200	500	--	**3 J+**	**1.9**	**2.4 J+**	**2.5**	**2.4**	**2.5 J+**
				--	< 17 U	< 17 U	**68**	< 17 U	< 17 U	**88**
130	5	5000	100	--	< 0.06 U	**0.14 J**	**0.077 J**	**0.094 J**	< 0.06 U	**0.29 J**
				--	**71000**	**5400**	**5700**	**4900**	**4700**	**7900**
3710	2050	200		--	**1.8 J**	**2.2 J**	**3.1**	**4.6**	< 1.2 U	**2.8**
104	0.77		10	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
				--	**3.1 J-**	**1.7 J**	**1.9 J-**	**2**	**1.9 J**	**2.1 J-**
813	90	200	1000	--	**3.8**	**1**	**1.2**	**1.3**	**1.2**	**1.1**
				--	**5500**	**2800**	**3000**	**3300**	**3100**	**3100**
20	5	130	250	--	< 0.58 U	**1.4 J**	< 0.58 U	**0.78 J**	**1.7 J**	< 0.58 U
9.9				--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
				--	**70000**	**28000**	**34000**	**40000**	**38000**	**27000**
				--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
		100	100	--	**2.6**	**1.6**	**1.6**	**2**	**1.5**	**1.7**
290	219	2000	25000	--	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
8358	3348	5000		--	**9800**	**3000**	**82000**	**120000**	**110000**	**42000**
				--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ
		100	200	--	**4.5**	**2.8**	**16**	**24**	**23**	**13**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--				
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	340	150	100	100
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	2.88	0.72	10	50
Calcium, Total	7440-70-2	ug/L								--				
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	972	126	100	1000
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--			50	1000
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	25	16	200	500
Iron, Total	7439-89-6	ug/L	601000		601000					--				
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	130	5	5000	100
Magnesium, Total	7439-95-4	ug/L								--				
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	3710	2050	200	
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	104	0.77		10
Molybdenum, Total	7439-98-7	ug/L								--				
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	813	90	200	1000
Potassium, Total	7440-09-7	ug/L								--				
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	20	5	130	250
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	9.9			
Sodium, Total	7440-23-5	ug/L								--				
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--				
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--			100	100
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	290	219	2000	25000
General														
Alkalinity	STL00171	mg/L								--				
pH	STL00204	SU								--				
Total Dissolved Solids	STL00242	mg/L								--				
Total Hardness	STL00009	mg/L								--				
Total Suspended Solids	STL00161	mg/L								--				

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Location	MECT	MECT	SJ4C	SJ4C	SJ4C	SJBB	SJBB	SJDS	SJDS
Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11	SJ4C-081115-12	SJBB-081015-11	SJBB-081115-11	SJDS-081015-11	SJDS-081115-11
Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015	8/11/2015	8/10/2015	8/11/2015	8/10/2015	8/11/2015
Sample Time	14:15	13:45	15:05	9:52	9:52	12:40	11:30	13:25	11:40
Latitude	37.21846	37.21846	36.99622	36.99622	36.99622	37.25737	37.25737	36.89331	36.89331
Longitude	-109.19081	-109.19081	-109.00468	-109.00468	-109.00468	-109.61859	-109.61859	-108.87864	-108.87864
--	< 24 U	< 24 U	**28 J**	**25 J**	< 24 U	**200**	**1600**	**29 J**	**69 J**
--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
--	**1.3**	**0.83 J**	**1**	**1.2**	**0.92 J**	**0.8 J**	**1.2**	**0.51 J**	**0.97 J**
--	**85**	**68**	**68**	**65**	**60**	**77**	**70**	**64**	**71**
--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
--	**170000**	**48000**	**48000**	**46000**	**43000**	**57000**	**46000**	**47000**	**53000**
--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
--	**0.45**	**0.75**	**1.3**	**2.5**	**0.27 J**	**0.42**	**0.87**	**0.33 J**	**2.1**
--	**3 J+**	**1.9**	**2.4 J+**	**2.5**	**2.4**	**2.5 J+**	**3.2**	**2.4 J+**	**2.5**
--	< 17 U	< 17 U	**68**	< 17 U	< 17 U	**88**	**840**	< 17 U	**34 J**
--	< 0.06 U	**0.14 J**	**0.077 J**	**0.094 J**	< 0.06 U	**0.29 J**	**0.67**	**0.06 J**	**0.086 J**
--	**71000**	**5400**	**5700**	**4900**	**4700**	**7900**	**5600**	**5500**	**7000**
--	**1.8 J**	**2.2 J**	**3.1**	**4.6**	< 1.2 U	**2.8**	**13**	**1.7 J**	**5**
--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
--	**3.1 J-**	**1.7 J**	**1.9 J-**	**2**	**1.9 J**	**2.1 J-**	**1.9**	**1.8 J-**	**2 J**
--	**3.8**	**1**	**1.2**	**1.3**	**1.2**	**1.1**	**1.4**	**1.2**	**1.3**
--	**5500**	**2800**	**3000**	**3300**	**3100**	**3100**	**3400**	**3000**	**3100**
--	< 0.58 U	**1.4 J**	< 0.58 U	**0.78 J**	**1.7 J**	< 0.58 U	**1.3 J**	< 0.58 U	**0.97 J**
--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
--	**70000**	**28000**	**34000**	**40000**	**38000**	**27000**	**37000**	**34000**	**36000**
--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
--	**2.6**	**1.6**	**1.6**	**2**	**1.5**	**1.7**	**3.7**	**1.5**	**1.8**
--	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U	**4.9 J**	< 2.8 U	< 2.8 U
--	**9800**	**3000**	**82000**	**120000**	**110000**	**42000**	**110000**	**79000**	**64000**
--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
--	**4.5**	**2.8**	**16**	**24**	**23**	**13**	**21**	**15**	**12**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	--	**180**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	--	**0.53**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	--	**0.1**
Calcium, Total	7440-70-2	ug/L								--	--	**190000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	--	**7.5**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	--	**3.4**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	--	**9.5 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	--	**7400**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	--	**7**
Magnesium, Total	7439-95-4	ug/L								--	--	**77000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	--	**310**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	--	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	--	**3.6 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	--	**9.9**
Potassium, Total	7440-09-7	ug/L								--	--	**9000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	--	**2.9 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	--	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	--	**72000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	--	**0.17 J**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	--	**20**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	--	**28**
General												
Alkalinity	STL00171	mg/L								--	--	**220**
pH	STL00204	SU								--	--	**8.38 J**
Total Dissolved Solids	STL00242	mg/L								--	--	**1100**
Total Hardness	STL00009	mg/L								--	--	**800**
Total Suspended Solids	STL00161	mg/L								--	--	**430**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL	Aquatic Chronic	Aquatic Acute	Location	MECT	SJ4C
										Sample ID	MECT-081115-11	SJ4C-081015-11
										Date	8/11/2015	8/10/2015
										Sample Time	13:45	15:05
										Latitude	37.21846	36.99622
										Longitude	-109.19081	-109.00468
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 U	**28 J**
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**0.83 J**	**1**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	**68**	**68**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--	**48000**	**48000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	**0.75**	**1.3**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**1.9**	**2.4 J+**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	**68**
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	**0.14 J**	**0.077 J**
Magnesium, Dissolved	7439-95-4	ug/L								--	**5400**	**5700**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	**2.2 J**	**3.1**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	**1.7 J**	**1.9 J-**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**1**	**1.2**
Potassium, Dissolved	7440-09-7	ug/L								--	**2800**	**3000**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**1.4 J**	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	**28000**	**34000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	**1.6**	**1.6**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	**3000**	**82000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**2.8**	**16**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**290**	**810**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**1.9**	**4.5**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.18**	**0.32**
Calcium, Total	7440-70-2	ug/L								--	**77000**	**84000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	**44**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**7.6**	**31**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**15**	**74 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**1400**	**70000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**11**	**71**
Magnesium, Total	7439-95-4	ug/L								--	**8300**	**23000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**700**	**1400**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	**0.17 J**
Molybdenum, Total	7439-98-7	ug/L								--	**0.68 J**	**1.5 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**5.2**	**40**
Potassium, Total	7440-09-7	ug/L								--	**3900**	**16000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**1.2 J**	**4.2 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	**0.42 J**
Sodium, Total	7440-23-5	ug/L								--	**30000**	**36000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	**0.81**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**12**	**110**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**29**	**220**
General												
Alkalinity	STL00171	mg/L								--	**92**	**83**
pH	STL00204	SU								--	**8.23 J**	**8.22 J**
Total Dissolved Solids	STL00242	mg/L								--	**310**	**390**
Total Hardness	STL00009	mg/L								--	**230**	**300**
Total Suspended Solids	STL00161	mg/L								--	**2700**	**4000**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJ4C	SJ4C
											Sample ID	SJ4C-081115-11	SJ4C-081115-12
											Date	8/11/2015	8/11/2015
											Sample Time	9:52	9:52
											Latitude	36.99622	36.99622
											Longitude	-109.00468	-109.00468
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**25 J**	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 U	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**1.2**	**0.92 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**65**	**60**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**46000**	**43000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**2.5**	**0.27 J**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**2.5**	**2.4**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**0.094 J**	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--		**4900**	**4700**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**4.6**	< 1.2 U
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**2**	**1.9 J**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1.3**	**1.2**
Potassium, Dissolved	7440-09-7	ug/L								--		**3300**	**3100**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		**0.78 J**	**1.7 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**40000**	**38000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**2**	**1.5**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**120000**	**110000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**24**	**23**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**1200**	**1100**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**7.4**	**7.1**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.31**	**0.35**
Calcium, Total	7440-70-2	ug/L								--	**100000**	**99000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**55**	**53**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**48**	**46**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**120**	**110**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**91000**	**86000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**89**	**84**
Magnesium, Total	7439-95-4	ug/L								--	**28000**	**27000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**2000**	**2000**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	**0.15 J**	**0.16 J**
Molybdenum, Total	7439-98-7	ug/L								--	**0.99 J**	**0.96 J**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**55**	**52**
Potassium, Total	7440-09-7	ug/L								--	**19000**	**18000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**5.2**	**4.2**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.55 J**	**0.52 J**
Sodium, Total	7440-23-5	ug/L								--	**43000**	**41000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**1.2**	**1.1**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**130**	**130**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**270**	**250**
General												
Alkalinity	STL00171	mg/L								--	**97**	**96**
pH	STL00204	SU								--	**8.2 J**	**8.19 J**
Total Dissolved Solids	STL00242	mg/L								--	**140**	**350**
Total Hardness	STL00009	mg/L								--	**380**	**360**
Total Suspended Solids	STL00161	mg/L								--	**6700**	**5200**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJBB	SJBB
											Sample ID	SJBB-081015-11	SJBB-081115-11
											Date	8/10/2015	8/11/2015
											Sample Time	12:40	11:30
											Latitude	37.25737	37.25737
											Longitude	-109.61859	-109.61859
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**200**	**1600**
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**0.8 J**	**1.2**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**77**	**70**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**57000**	**46000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**0.42**	**0.87**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**2.5 J+**	**3.2**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		**88**	**840**
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**0.29 J**	**0.67**
Magnesium, Dissolved	7439-95-4	ug/L								--		**7900**	**5600**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**2.8**	**13**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**2.1 J-**	**1.9**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1.1**	**1.4**
Potassium, Dissolved	7440-09-7	ug/L								--		**3100**	**3400**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	**1.3 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**27000**	**37000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**1.7**	**3.7**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	**4.9 J**
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**42000**	**110000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**13**	**21**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**610**	**1000**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**2.4**	**6.3**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.27**	**0.33**
Calcium, Total	7440-70-2	ug/L								--	**100000**	**99000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**25**	**50**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**18**	**42**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**56 B**	**100**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**39000**	**85000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**120**	**82**
Magnesium, Total	7439-95-4	ug/L								--	**21000**	**27000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**950**	**1800**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	**0.12 J**
Molybdenum, Total	7439-98-7	ug/L								--	**2.3 J-**	**1**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**26**	**49**
Potassium, Total	7440-09-7	ug/L								--	**11000**	**17000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**3.9 J+**	**3.8**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.86 J**	**0.51 J**
Sodium, Total	7440-23-5	ug/L								--	**29000**	**40000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.48**	**1**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**63**	**120**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**160**	**250**
General												
Alkalinity	STL00171	mg/L								--	**94**	**97**
pH	STL00204	SU								--	**8.2 J**	**8.23 J**
Total Dissolved Solids	STL00242	mg/L								--	**380**	**330**
Total Hardness	STL00009	mg/L								--	**340**	**360**
Total Suspended Solids	STL00161	mg/L								--	**2300**	**5100**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJDS	SJDS
											Sample ID	SJDS-081015-11	SJDS-081115-11
											Date	8/10/2015	8/11/2015
											Sample Time	13:25	11:40
											Latitude	36.89331	36.89331
											Longitude	-108.87864	-108.87864
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**29 J**	**69 J**
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**0.51 J**	**0.97 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**64**	**71**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**47000**	**53000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**0.33 J**	**2.1**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**2.4 J+**	**2.5**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		< 17 U	**34 J**
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**0.06 J**	**0.086 J**
Magnesium, Dissolved	7439-95-4	ug/L								--		**5500**	**7000**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**1.7 J**	**5**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**1.8 J-**	**2 J**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1.2**	**1.3**
Potassium, Dissolved	7440-09-7	ug/L								--		**3000**	**3100**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	**0.97 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**34000**	**36000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**1.5**	**1.8**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**79000**	**64000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**15**	**12**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**810**	**620**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**4.5**	**3.6**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.31**	**0.29**
Calcium, Total	7440-70-2	ug/L								--	**81000**	**81000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**39**	**32**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**29**	**24**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**74 B**	**59**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**67000**	**53000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**69**	**58**
Magnesium, Total	7439-95-4	ug/L								--	**22000**	**21000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1300**	**1000**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	**0.1 J**	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.2 J-**	**1.2 J**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**38**	**30**
Potassium, Total	7440-09-7	ug/L								--	**15000**	**13000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**3.3 J+**	**3.4**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.44 J**	**0.32 J**
Sodium, Total	7440-23-5	ug/L								--	**38000**	**39000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.74**	**0.63**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**98**	**82**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**210**	**160**
General												
Alkalinity	STL00171	mg/L								--	**93**	**100**
pH	STL00204	SU								--	**8.17 J**	**8.28 J**
Total Dissolved Solids	STL00242	mg/L								--	**340**	**340**
Total Hardness	STL00009	mg/L								--	**290**	**290**
Total Suspended Solids	STL00161	mg/L								--	**4300**	**2600**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJFP	SJFP
											Sample ID	SJFP-081015-11	SJFP-081115-11
											Date	8/10/2015	8/11/2015
											Sample Time	10:35	13:45
											Latitude	36.74816	36.74816
											Longitude	-108.41202	-108.41202
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		< 24 U	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		**1.3 J-**	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**0.7 J**	**0.56 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**68**	**74**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**50000**	**56000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**0.24 J**	**1.4**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**1.5 J+**	**1.8**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		< 0.06 U	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--		**6700**	**7400**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**7.3**	**18**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**1.3 J-**	**1.3**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1**	**1.1**
Potassium, Dissolved	7440-09-7	ug/L								--		**2300**	**2400**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**19000**	**20000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**0.99 J**	**1**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**10000**	**9200**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**4.3**	**3**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**170**	**270**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**0.6**	**0.57**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Total	7440-70-2	ug/L								--	**56000**	**61000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**8**	**5.6**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**3.9**	**4.4**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**13 B**	**12**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**8700**	**8300**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**18**	**16**
Magnesium, Total	7439-95-4	ug/L								--	**9000**	**9400**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**210**	**270**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.5 J-**	**1.4**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**6.2**	**6.2**
Potassium, Total	7440-09-7	ug/L								--	**4400**	**4500**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**2.3 J+**	**1 J**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.13 J**	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	**19000**	**20000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.12 J**	**0.11 J**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**16**	**15**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**38**	**42**
General												
Alkalinity	STL00171	mg/L								--	**98**	**92**
pH	STL00204	SU								--	**8.19 J**	**8.27 J**
Total Dissolved Solids	STL00242	mg/L								--	**270**	**300**
Total Hardness	STL00009	mg/L								--	**180**	**190**
Total Suspended Solids	STL00161	mg/L								--	**840**	**640**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJHB	SJHB
											Sample ID	SJHB-081015-11	SJHB-081015-12
											Date	8/10/2015	8/10/2015
											Sample Time	11:25	11:25
											Latitude	36.74519	36.74519
											Longitude	-108.53776	-108.53776
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		< 24 U	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**0.67 J**	**0.99 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**69**	**67**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**51000**	**50000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**0.35 J**	**0.16 J**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**2.1 J+**	**1.4 J+**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		< 0.06 U	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--		**6800**	**6700**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**2.7**	**2.1 J**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**1.3 J-**	**1.3 J-**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**0.98 J**	**1.2**
Potassium, Dissolved	7440-09-7	ug/L								--		**2300**	**2300**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**19000**	**18000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**0.96 J**	**0.89 J**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**13000**	**13000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**3.8**	**3.7**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**260**	**240**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**0.89**	**0.78**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.056 J**	**0.054 J**
Calcium, Total	7440-70-2	ug/L								--	**60000**	**57000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**9.7**	**10**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**6.2**	**5.4**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**16 B**	**16 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**11000**	**11000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**22**	**22**
Magnesium, Total	7439-95-4	ug/L								--	**9600**	**9500**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**400 J**	**290 J**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.5 J-**	**1.5 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**8.5**	**8.1**
Potassium, Total	7440-09-7	ug/L								--	**5000**	**5100**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**2.3 J+**	**2 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.14 J**	**0.15 J**
Sodium, Total	7440-23-5	ug/L								--	**19000**	**19000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.15 J**	**0.15 J**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**21**	**20**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**55**	**51**
General												
Alkalinity	STL00171	mg/L								--	**90**	**90**
pH	STL00204	SU								--	**8.15 J**	**8.16 J**
Total Dissolved Solids	STL00242	mg/L								--	**260**	**260**
Total Hardness	STL00009	mg/L								--	**190**	**180**
Total Suspended Solids	STL00161	mg/L								--	**880**	**1000**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJHB	SJLP
											Sample ID	SJHB-081115-11	SJLP-081015-11
											Date	8/11/2015	8/10/2015
											Sample Time	13:05	9:40
											Latitude	36.74519	36.73589
											Longitude	-108.53776	-108.25399
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**1800**	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		**0.4 J**	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**1.9**	**0.56 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**160**	**70**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**40000**	**50000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		**1.2 J**	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**1.4**	**0.52**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**3.4**	**1.3 J+**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		**840**	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**0.56**	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--		**6800**	**6500**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**16**	**9.7**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**2.6 J**	**1.3 J-**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1.8**	**1.1**
Potassium, Dissolved	7440-09-7	ug/L								--		**4200**	**2300**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**52000**	**17000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**11**	**0.92 J**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**270000**	**12000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 U	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**26**	**3.6**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**2600 J**	**260**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**12**	**0.7**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.45**	**0.14**
Calcium, Total	7440-70-2	ug/L								--	**280000**	**56000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**150**	**8.3**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**73**	**5.2**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**110**	**15 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**140000**	**11000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**130**	**21**
Magnesium, Total	7439-95-4	ug/L								--	**94000**	**9300**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**3400**	**270**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	**0.2**	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**2 J**	**1.4 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**140**	**7.7**
Potassium, Total	7440-09-7	ug/L								--	**73000**	**4900**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**6**	< 0.58 U
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.63 J**	**0.13 J**
Sodium, Total	7440-23-5	ug/L								--	**65000**	**18000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**1.8**	**0.14 J**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**230**	**19**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**340**	**50**
General												
Alkalinity	STL00171	mg/L								--	**110**	**88**
pH	STL00204	SU								--	**8.3 J**	**8.18 J**
Total Dissolved Solids	STL00242	mg/L								--	**350**	**260**
Total Hardness	STL00009	mg/L								--	**1100**	**180**
Total Suspended Solids	STL00161	mg/L								--	**6300**	**1400**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJLP	SJMC
											Sample ID	SJLP-081115-11	SJMC-081015-11
											Date	8/11/2015	8/10/2015
											Sample Time	14:25	13:35
											Latitude	36.73589	37.25823
											Longitude	-108.25399	-109.31060
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**32 J**	< 24 UJ
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 U	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**0.96 J**	**0.88 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**67**	**73**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**50000**	**54000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**2**	**0.12 J**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**2.3**	**2.5 J+**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		< 17 U	< 17 UJ
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**0.064 J**	< 0.06 UJ
Magnesium, Dissolved	7439-95-4	ug/L								--		**6600**	**7400**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**3.6**	< 1.2 UJ
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**2 J**	**2 J-**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**1.4**	**1.2**
Potassium, Dissolved	7440-09-7	ug/L								--		**3100**	**2900**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		**0.85 J**	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**35000**	**30000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**1.9**	**1.8 J**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		< 2.8 U	< 2.8 UJ
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**97000**	**69000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 U	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**19**	**14**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**890**	**730**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**5.5**	**3.6**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.23**	**0.26**
Calcium, Total	7440-70-2	ug/L								--	**98000**	**97000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**47**	**37**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**36**	**25**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**85**	**64 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**75000**	**58000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**76**	**76**
Magnesium, Total	7439-95-4	ug/L								--	**28000**	**24000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1600**	**1200**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.4 J**	**2.1 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**43**	**35**
Potassium, Total	7440-09-7	ug/L								--	**18000**	**14000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**3.9**	**4.5 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.44 J**	**0.49 J**
Sodium, Total	7440-23-5	ug/L								--	**39000**	**32000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.95**	**0.68**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**120**	**92**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**230**	**190**
General												
Alkalinity	STL00171	mg/L								--	**110**	**97**
pH	STL00204	SU								--	**8.28 J**	**8.22 J**
Total Dissolved Solids	STL00242	mg/L								--	**330**	**360**
Total Hardness	STL00009	mg/L								--	**360**	**340**
Total Suspended Solids	STL00161	mg/L								--	**3700**	**3200**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL			Drinking Water MCL		Recreational RSL		Aquatic Acute	Location	SJMC	SJMC
											Sample ID	SJMC-081015-12	SJMC-081115-11
											Date	8/10/2015	8/11/2015
											Sample Time	13:40	12:20
											Latitude	37.25823	37.25823
											Longitude	-109.31060	-109.31060
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--		**2300 J**	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**1.2**	**1.3**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--		**94**	**86**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--		< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--		< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--		**58000**	**180000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--		**2**	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--		**0.92**	**1.4**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--		**4.8 J+**	**2.5**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--		**1800 J**	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--		**2.8**	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--		**8400**	**75000**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--		**36**	**3.7**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--		< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--		**2.2 J-**	**3.4**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--		**2.4**	**3.7**
Potassium, Dissolved	7440-09-7	ug/L								--		**3500**	**6000**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--		< 0.58 U	**2**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--		< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--		**33000**	**75000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--		< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--		**6**	**2.3**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--		**8.1 J**	< 2.8 U
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--		**59000**	**10000**
Antimony, Total	7440-36-0	ug/L	6	6	129					--		< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--		**13**	**4.9**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**700**	**180**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**3.6**	**0.59**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.34**	**0.22**
Calcium, Total	7440-70-2	ug/L								--	**100000**	**210000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**33**	**8**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**24**	**3.9**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**64 B**	**11**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**51000**	**8400**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**77**	**7.6**
Magnesium, Total	7439-95-4	ug/L								--	**23000**	**79000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1200**	**310**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.6 J-**	**4.5**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**33**	**13**
Potassium, Total	7440-09-7	ug/L								--	**12000**	**9400**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**3.3 J+**	**3.3**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.52 J**	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	**34000**	**75000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.64**	**0.26**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**80**	**24**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**180**	**36**
General												
Alkalinity	STL00171	mg/L								--	**98**	**210**
pH	STL00204	SU								--	**8.22 J**	**8.32 J**
Total Dissolved Solids	STL00242	mg/L								--	**350**	**1100**
Total Hardness	STL00009	mg/L								--	**340**	**840**
Total Suspended Solids	STL00161	mg/L								--	**2800**	**550**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL		Aquatic Acute	Aquatic Chronic	Location	SJME	SJME
											Sample ID	SJME-081015-11	SJME-081115-11
											Date	8/10/2015	8/11/2015
											Sample Time	14:40	13:30
											Latitude	37.21681	37.21681
											Longitude	-109.19615	-109.19615
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000			--	**2200**	< 24 UJ
Antimony, Dissolved	7440-36-0	ug/L	6	6	129						--	< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200		--	**1.3**	**0.72 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900						--	**92**	**80 J**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100		--	< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50		--	< 0.043 U	**0.047 J**
Calcium, Dissolved	7440-70-2	ug/L									--	**53000**	**59000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000		--	**1.9 J**	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000		--	**0.83**	**1.3 J**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500		--	**4.5 J+**	**1.5 J**
Iron, Dissolved	7439-89-6	ug/L	601000		601000						--	**1600**	< 17 UJ
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100		--	**2.1**	< 0.06 UJ
Magnesium, Dissolved	7439-95-4	ug/L									--	**6700**	**7900**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200			--	**31**	**10 J**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10		--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L									--	**2.1 J-**	**1.4**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000		--	**2.3**	**1.3 J**
Potassium, Dissolved	7440-09-7	ug/L									--	**3400**	**2400 J**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250		--	< 0.58 U	**0.77 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9					--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L									--	**32000**	**22000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3						--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100		--	**6.2**	**0.88 J**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000		--	**7.1 J**	< 2.8 UJ
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000			--	**78000**	**5600 J**
Antimony, Total	7440-36-0	ug/L	6	6	129						--	< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200		--	**15**	**1.7**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**830**	**170 J**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**4.4**	**0.31 J**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.31**	< 0.043 U
Calcium, Total	7440-70-2	ug/L								--	**96000**	**62000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**41**	**4.1**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**30**	**2.3**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**79 B**	**7.7 J**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**66000**	**4800 J**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**78**	**10 J**
Magnesium, Total	7439-95-4	ug/L								--	**24000**	**9100**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1400**	**130 J**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	**0.096 J**	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**1.6 J-**	**1.4**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**41**	**3.9 J**
Potassium, Total	7440-09-7	ug/L								--	**15000**	**3600 J**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**3.6 J+**	**2.6**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.54 J**	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	**35000**	**22000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**0.78**	< 0.1 U
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**99**	**9.2**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**220**	**23 J**
General												
Alkalinity	STL00171	mg/L								--	**92**	**98**
pH	STL00204	SU								--	**8.2 J**	**8.27 J**
Total Dissolved Solids	STL00242	mg/L								--	**370**	**280**
Total Hardness	STL00009	mg/L								--	**340**	**190**
Total Suspended Solids	STL00161	mg/L								--	**3200**	**180 J**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Livestock Irrigation	Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL			Location	SJME	SJMH
											Sample ID	SJME-081115-12	SJMH-081015-11
											Date	8/11/2015	8/10/2015
											Sample Time	13:35	11:35
											Latitude	37.21681	37.14999
											Longitude	-109.19615	-109.86628
	Metals, Dissolved												
	Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	**9300 J**	**31 J**
	Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
	Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**3.1 J**	**1.6**
	Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	**270 J**	**150**
	Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**0.61 J**	< 0.15 U
	Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.051 J**	< 0.043 U
	Calcium, Dissolved	7440-70-2	ug/L								--	**65000**	**51000**
	Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	**6.1 J**	< 1 U
	Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	**4.7 J**	**1.7**
	Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**12 J**	**2.6 J+**
	Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	**8700 J**	< 17 U
	Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	**17 J**	< 0.06 U
	Magnesium, Dissolved	7439-95-4	ug/L								--	**10000 J**	**8000**
	Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	**320 J**	**3.1**
	Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
	Molybdenum, Dissolved	7439-98-7	ug/L								--	**1.4**	**2.5 J-**
	Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**6.6 J**	**1.5**
	Potassium, Dissolved	7440-09-7	ug/L								--	**4600 J**	**3900**
	Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**0.97 J**	< 0.58 U
	Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
	Sodium, Dissolved	7440-23-5	ug/L								--	**21000**	**43000**
	Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	**0.11 J**	< 0.1 U
	Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	**16 J**	**7.3**
	Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**42 J**	< 2.8 U
	Metals, Total												
	Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 UJ	**210000**
	Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
	Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**0.99 J**	**22**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**81 J**	**2200 J**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 UJ	**10**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	**0.62**
Calcium, Total	7440-70-2	ug/L								--	**60000**	**360000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 UJ	**110**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**0.29 J**	**59**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**1.6 J**	**94 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	< 17 UJ	**110000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 UJ	**90**
Magnesium, Total	7439-95-4	ug/L								--	**8200 J**	**83000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**3.4 J**	**3500**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	**0.12 J**
Molybdenum, Total	7439-98-7	ug/L								--	**1.4**	**2.4 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**1.1 J**	**120**
Potassium, Total	7440-09-7	ug/L								--	**2500 J**	**58000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**0.94 J**	**4.9 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	**0.46 J**
Sodium, Total	7440-23-5	ug/L								--	**21000**	**51000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	**1.6**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**0.88 J**	**190**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 UJ	**290**
General												
Alkalinity	STL00171	mg/L								--	**98**	**110**
pH	STL00204	SU								--	**8.25 J**	**8.17 J**
Total Dissolved Solids	STL00242	mg/L								--	**290**	**370**
Total Hardness	STL00009	mg/L								--	**180**	**1200**
Total Suspended Solids	STL00161	mg/L								--	**660 J**	**7400**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Livestock Irrigation	Analyte	CAS.NO	Units	PCL		Drinking Water MCL		Recreational RSL			Location	SJMH	SJSR
											Sample ID	SJMH-081115-11	SJSR-081015-11
											Date	8/11/2015	8/10/2015
											Sample Time	10:35	12:10
											Latitude	37.14999	36.78162
											Longitude	-109.86628	-108.69278
	Metals, Dissolved												
	Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	**24 J**	< 24 U
	Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
	Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**0.88 J**	**0.86 J**
	Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	**65**	**66**
	Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U
	Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
	Calcium, Dissolved	7440-70-2	ug/L								--	**46000**	**48000**
	Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
	Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	**2.6**	**1.5**
	Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**2.4**	**2 J+**
	Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	< 17 U
	Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	**0.084 J**	< 0.06 U
	Magnesium, Dissolved	7439-95-4	ug/L								--	**5300**	**5600**
	Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	**4.7**	**2.9**
	Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
	Molybdenum, Dissolved	7439-98-7	ug/L								--	**2**	**1.7 J-**
	Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**1.3**	**1.2**
	Potassium, Dissolved	7440-09-7	ug/L								--	**3100**	**2900**
	Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**1.6 J**	< 0.58 U
	Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
	Sodium, Dissolved	7440-23-5	ug/L								--	**37000**	**30000**
	Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
	Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	**1.8**	**1.5**
	Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
	Metals, Total												
	Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	**110000**	**81000**
	Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U	< 0.4 UJ
	Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**22**	**15**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**1000**	**830**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**6.4**	**4.4**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.29**	**0.22**
Calcium, Total	7440-70-2	ug/L								--	**99000**	**84000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**51**	**40**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**42**	**30**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**100**	**70 B**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**86000**	**65000**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**82**	**62**
Magnesium, Total	7439-95-4	ug/L								--	**28000**	**21000**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**1800**	**1300**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	**0.11 J**	**0.1 J**
Molybdenum, Total	7439-98-7	ug/L								--	**1**	**1.4 J-**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**50**	**36**
Potassium, Total	7440-09-7	ug/L								--	**18000**	**14000**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**4.5**	**3.5 J+**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	**0.5 J**	**0.36 J**
Sodium, Total	7440-23-5	ug/L								--	**41000**	**33000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	**1**	**0.74**
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**130**	**100**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**250**	**180**
General												
Alkalinity	STL00171	mg/L								--	**97**	**95**
pH	STL00204	SU								--	**8.24 J**	**8.19 J**
Total Dissolved Solids	STL00242	mg/L								--	**350**	**330**
Total Hardness	STL00009	mg/L								--	**360**	**300**
Total Suspended Solids	STL00161	mg/L								--	**4600**	**3300**

Bold - Bolded results identify a detected value.
* - exceeds MCL
J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Method Detection Limit
PQL - Practical Quantitation Limit, also known as reporting limit.
U - Analyte not detected at or above MDL qualifier
D - Diluted value qualifier.
mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL							Location	SJSR
										Sample ID	SJSR-081115-11
										Date	8/11/2015
										Sample Time	12:35
										Latitude	36.78162
										Longitude	-108.69278
Metals, Dissolved											
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**0.94 J**
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	**73**
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--	**52000**
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	**1.9**
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**1.7**
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--	**6500**
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	**4**
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	**1.6 J**
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**1.2**
Potassium, Dissolved	7440-09-7	ug/L								--	**2800**
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**0.75 J**
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	**26000**
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	**1.3**
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U
Metals, Total											
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	**3100**
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	**2.6**

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	**240**
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	**1.3**
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	**0.16**
Calcium, Total	7440-70-2	ug/L								--	**68000**
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	**1 J**
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	**5.6**
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	**13**
Iron, Total	7439-89-6	ug/L	601000		601000					--	**1500**
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	**9.9**
Magnesium, Total	7439-95-4	ug/L								--	**8200**
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	**500**
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	**0.63 J**
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	**4.2**
Potassium, Total	7440-09-7	ug/L								--	**3400**
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	**0.6 J**
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	**26000**
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	**9.8**
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	**24**
General											
Alkalinity	STL00171	mg/L								--	**93**
pH	STL00204	SU								--	**8.2 J**
Total Dissolved Solids	STL00242	mg/L								--	**290**
Total Hardness	STL00009	mg/L								--	**200**
Total Suspended Solids	STL00161	mg/L								--	**1400**

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Surfacewater Analytical Data - Region 9
Upper Animas River

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